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Klas G. Malmqvist 817 Accelerator-based ion beam analysis—an overview and future prospects

H. Schenk and **R. Peschar** 829 Understanding the structure of chocolate

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D.C. Creagh, G. Thorogood, M. James and **D.L. Hallam** 839 Diffraction and fluorescence studies of bushranger armour

P.M. O'Neill, D.C. Creagh and **M. Sterns** 841 Studies of the composition of pigments used traditionally in Australian Aboriginal bark paintings

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Andy Buffler 853 Contraband detection with fast neutrons

E. Dooryhée, P. Martinetto, Ph. Walter and **M. Anne** 863 Synchrotron X-ray analyses in art and archaeology

G. Harding 869 X-ray scatter tomography for explosives detection

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Peter Kozma and **Petr Kozma Jr.** 891 Radiation damage of solar cells

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M. Pillon, M. Angelone and **R.A. Forrest** 895 Measurements of fusion-induced decay heat in materials and comparison with code predictions

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